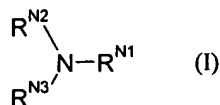


## Amendments to the Claims:

### Listing of Claims:

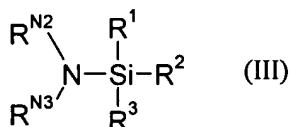
1. (Original) A method of synthesising a compound of formula I:



comprising the step of reacting a moiety of formula II:



with a moiety of formula III:



in compressed carbon dioxide in the presence of a transition metal catalyst and a base, wherein:

L is a labile leaving group;

R<sup>N1</sup> is optionally substituted C<sub>5-20</sub> aryl;

R<sup>N2</sup> is selected from optionally substituted C<sub>5-20</sub> aryl, optionally substituted C<sub>3-20</sub> heterocyclyl, optionally substituted C<sub>3-7</sub> alkyl, and optionally substituted sulfonyl;

R<sup>N3</sup> is selected from H and optionally substituted C<sub>1-7</sub> alkyl, C<sub>3-20</sub> heterocyclyl and C<sub>5-20</sub> aryl; or

R<sup>N2</sup> and R<sup>N3</sup> together with the nitrogen atom to which they are attached form optionally substituted nitrogen-containing C<sub>3-20</sub> heterocyclyl or C<sub>5-20</sub> heteroaryl; and

R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> are independently selected from optionally substituted C<sub>1-7</sub> alkyl, C<sub>5-20</sub> aryl, C<sub>3-20</sub> heterocyclyl, hydroxy, halo, amino and C<sub>1-7</sub> alkoxy, or two of R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup>, together with the silicon atom to which they are attached, may form a silicon containing C<sub>5-7</sub> heterocyclyl group.

2. (Original) A method according to claim 1, wherein the compressed carbon dioxide is supercritical carbon dioxide.

3. (Currently Amended) A method according to claim 1 ~~or claim 2~~, wherein the transition metal catalyst is a palladium catalyst.

4. (Original) A method according to claim 3, wherein the palladium catalyst comprises one or more phosphine ligands.
5. (Currently Amended) A method according to ~~any one of claims 1 to 4~~, wherein the base is selected from group 1 metal carbonate and tert-butoxy/phenoxy bases.
6. (Original) A method according to claim 6, wherein the base is  $\text{Cs}_2\text{CO}_3$ .
7. (Currently Amended) A method according to ~~any one of claims 1 to 6~~, wherein a fluoride source is present.
8. (Original) A method according to claim 7, wherein the fluoride source is selected from KF and CsF.
9. (Currently Amended) A method according to ~~any one of claims 1 to 8~~, wherein the reaction is carried out at a temperature of between 20 and 200°C.
10. (Currently Amended) A method according to ~~any one of claims 1 to 9~~, wherein the labile leaving group is selected from I, Br, Cl and  $\text{OSO}_2\text{CF}_3$ .
11. (Currently Amended) A method according to ~~any one of claims 1 to 10~~, wherein  $\text{R}^{\text{N}2}$  is selected from optionally substituted  $\text{C}_{5-20}$  aryl, optionally substituted  $\text{C}_{5-20}$  heterocyclyl, and optionally substituted sulfonyl.
12. (Currently Amended) A method according to ~~any one of claims 1 to 11~~, wherein  $\text{R}^{\text{N}3}$  is selected from optionally substituted  $\text{C}_{1-7}$  alkyl,  $\text{C}_{3-20}$  heterocyclyl and  $\text{C}_{5-20}$  aryl.
13. (Currently Amended) A method according to ~~any one of claims 1 to 12~~, wherein  $\text{R}^1$ ,  $\text{R}^2$  and  $\text{R}^3$  are independently selected from optionally substituted  $\text{C}_{1-7}$  alkyl,  $\text{C}_{5-20}$  aryl,  $\text{C}_{3-20}$  heterocyclyl and  $\text{C}_{1-7}$  alkoxy, or two of  $\text{R}^1$ ,  $\text{R}^2$  and  $\text{R}^3$ , together with the silicon atom to which they are attached, may form a silicon containing  $\text{C}_{5-7}$  heterocyclyl group.